



EL +14.9 FT CRD (OHW)
EL +0.0 FT CRD
EL -1.7 FT CRD (USC&GS 1947, MSL, APPROX.)
EL -3.1 FT CRD (CITY OF PORTLAND, APPROX.)
EL -5.2 FT CRD (NAVD 1988, APPROX.)

EVENT ELEVATION	DATUM COMPARISON
CRD:	Columbia River Datum
USC&GS:	US Coast & Geodetic Survey
NAVD:	North American Vertical Datum
OHW:	Ordinary High Water Between Willamette River Mile 4 and 5
MSL:	Mean Sea Level (1947 Adjustment)

- Notes:
1. Upland topographic vertical datum is MSL; Bathymetric vertical datum is CRD
  2. Site Plan is based on drawings provided by the Port of Portland.
  3. Shoreline boundary for Ordinary High Water is approximate.
  4. Willamette River Mile Reference Marks are approximate.
  5. Diurnal tide range during low river stages is 2.2 feet at St. Johns and 2.4 feet at Portland.
  6. Datum conversion tables to CRD provided by Port of Portland.

-  Proposed Under-Pier Surface Sediment Sample Location
-  Existing Piers

DRAFT DOCUMENT

Do Not Quote or Cite:  
This document is currently under review by US  
EPA and its federal, state and tribal partners, and  
is subject to change in whole or in part.

PORT OF PORTLAND  
PORTLAND, OREGON  
TERMINAL 4 EARLY ACTION WORK PLAN

PROPOSED UNDER-PIER  
SAMPLE LOCATIONS



FIGURE  
A1-3